

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

17621 U.S.PTO
112103

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

22581 U.S.PTO
10/719306
112103

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): One-gyun La

For (title): 4-BIT PREFETCH-TYPE FCRAM
HAVING IMPROVED DATA
WRITE CONTROL CIRCUIT IN
MEMORY CELL ARRAY
AND METHOD OF MASKING DATA
USING THE 4-BIT PREFETCH-TYPE
FCRAM

1. **Type of Application** This new application is for a(n)

- Original (nonprovisional)
- Design
- Plant
- Divisional.
- Continuation.
- Continuation-in-part (C-I-P).

2. **Benefit of Prior Application(s)**

- The new application being transmitted claims the benefit of prior Korean application no. 02-75692. See Item 7.

3. **Papers Enclosed**

21 Pages of specification

4 Pages of claims

1 Page of Abstract

12 Sheets of drawings

formal

informal

 Page of Cover Sheet

- The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

<p>CERTIFICATE OF MAILING 37 C.F.R. § 1.10</p> <p>"Express Mail" Mailing Label Number <u>EV322656746US</u> I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>Date: <u>11/21/03</u> <u>Vanessa Marakas</u> <u>Vanessa Marakas</u> Print Name</p>	
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4. Additional papers enclosed

- Preliminary Amendment
- Information Disclosure Statement (37 C.F.R. 1.98)
- Form PTO-1449 (PTO/SB/08A and 08B)
- Copies of cited references
- Declaration of Biological Deposit
- Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.
- Authorization of Attorney(s) to Accept and Follow Instructions from Representative
- Special Comments
- Other: Return Postcard.

5. Declaration or oath

- Enclosed
- Unexecuted
- Executed by
 - inventors
 - legal representative of inventor(s).
37 CFR 1.42 or 1.43.
 - joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
 - This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 12 below for fee.
- Not Enclosed
- Application is made by a person authorized under 37 C.F.R. 1.41 (c) on behalf of all the above named inventor(s).
 - Showing that the filing is authorized.

6. Assignment

- An assignment of the invention to Samsung Electronics Co., Ltd.
- is attached. A separate "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or FORM PTO 1595 is also attached.
- will follow.

7. Certified Copy

Certified copy(ies) of application(s)

<u>Korea</u> Country	<u>02-75692</u> Appln. no.	<u>November 30, 2002</u> Filed
Country	Appln. no.	Filed
Country	Appln. no.	Filed

from which priority is claimed

is (are) attached.
 will follow.

8. Fee Calculation (37 C.F.R. 1.16)

CLAIMS AS FILED				
	Number filed	Number Extra	Rate	Basic Fee 37 C.F.R. 1.16(a) <u>\$770.00</u>
Total				
Claims (37 CFR 1.16(c))	15	- 20 =	0	\$ 18.00
Independent				
Claims (37 CFR 1.16(b))	2	- 3 =	0	\$ 86.00
Multiple dependent claim(s), if any (37 CFR 1.16(d))		+		\$290.00

A Preliminary Amendment canceling claims is enclosed. The filing fee is calculated based on the number of claims remaining after entry of the Preliminary Amendment.
 Amendment deleting multiple-dependencies is enclosed.
 Fee for extra claims is not being paid at this time.

Filing Fee Calculation \$770.00

9. Fee Payment Being Made at This Time

Not Enclosed

No filing fee is to be paid at this time.

(This and the surcharge required by 37 C.F.R. 1.16(e) can be paid subsequently.)

Enclosed

Basic filing fee

\$ 770.00

Recording assignment

(\$40.00; 37 C.F.R. 1.21(h))

(See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".)

\$

Total fees enclosed

\$ 770.00

10. Method of Payment of Fees

Check in the amount of \$ 770.00

Charge Account No. 50-1798 in the amount of
A duplicate of this transmittal is attached.

\$

11. Authorization to Charge Additional Fees

The Commissioner is hereby authorized to charge the following additional fees during the entire pendency of this application to Account No. 50-1798.

37 C.F.R. 1.16(a), (f) or (g) (filing fees)

37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)

37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

37 C.F.R. 1.17 (application processing fees)

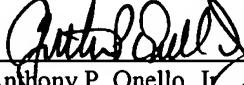
37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))

12. **Instructions as to Overpayment**

Credit Account No. 50-1798
 Refund

Respectfully submitted,

Date: November 21, 2003
MILLS & ONELLO LLP
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Anthony P. Onello, Jr.
Registration Number 38,572
Attorney for Applicant

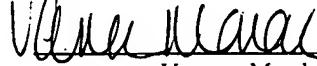
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): One-gyun La
Filing Date: Herewith
Title: 4-BIT PREFETCH-TYPE FCRAM HAVING IMPROVED DATA
WRITE CONTROL CIRCUIT IN MEMORY CELL ARRAY
AND METHOD OF MASKING DATA USING THE 4-BIT
PREFETCH-TYPE FCRAM

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11-21-03
Date


Vanessa Marakas

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

1. New Application Transmittal;
2. New Patent Application;
3. Unexecuted Declaration, Petition and Power of Attorney;
4. Twelve (12) Sheets of Formal Drawings (Figures 1-12);
5. Certified Copy of Priority Document - Korean Application No. 02-75692;
6. Information Disclosure Statement;
7. PTO-1449 form and a copies of cited references AA, AB and AL-AN;
8. Check in the amount of \$770.00 to cover application filing fee; and
9. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Date: November 21, 2003
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